

Categorical Exclusion Determination

Bonneville Power Administration
Department of Energy



Proposed Action: Deferred Hatchery Maintenance at Multiple Locations

Project No.: 2023-003-00

Project Manager: Andrew Traylor, EWU-4

Location: Various locations in Oregon, Washington, Idaho and Montana

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B1.3 Routine Maintenance

Description of the Proposed Action: Bonneville Power Administration (BPA) proposes to fund several entities to conduct deferred maintenance at multiple hatchery facilities in the Columbia River Basin. The Proposed Action would fund maintenance actions to maintain, repair, or replace equipment in-kind at existing hatcheries that receive funding from BPA for on-going operations and maintenance. Many of these hatcheries were built 30 to 40 years ago and have aging infrastructure that is outdated and deteriorating. The actions would target projects that have mission critical or essential functions and are due for repair or replacement in the next five years.

Equipment to be replaced in-kind or repaired would include building roofs and gutters, building siding, electrical systems, generators, alarm and control systems, raceway and pond liners, predator netting over raceways, turbines and motors in water pumps, concrete and asphalt surfaces, and above-ground storage tanks.

Parking area and road maintenance into or within a facility may also occur. Activities would be limited to working within the existing prism and maintaining an existing surface. Rock may be added to the road surfaces, approaches, and landings; cracks may be resealed, and surfaces recoated.

The maintenance actions would not involve ground disturbance. These actions would occur at existing facilities to support current levels of fish production and would not extend the original intended life of any of the facilities. There would be no increase in the water supply used or in the number of fish produced than has been previously authorized.

These actions would contribute to efforts to mitigate for effects of the FCRPS on fish and wildlife in the mainstem Columbia River and its tributaries pursuant to the Pacific Northwest Electric Power Planning and Conservation Act of 1980 (Northwest Power Act) (16 U.S.C. (USC) 839 et seq.).

Facility	Operator	Landowner/Manager	Locale	Proposed Actions
Chief Joseph Hatchery (CJH)	Colville Confederated Tribes (CCT)	US Army Corps of Engineers (USACE)	Nespelem, WA	HVAC replacement, concrete repairs, roof

				repair, add well vent and exhaust fan
CJH Riverside Acclimation Pond	CCT	BPA	Riverside, WA	Security alarm system upgrades
CJH Omak Acclimation Pond	CCT	CCT	Omak, WA	Pond liner replacement, security alarm system upgrades
Cle Elum Hatchery	Confederated Tribes and Bands of the Yakama Nation	BPA	Cle Elum, WA	Well pump and motor repair/replacement, above ground storage tank replacement, roof and gutter repairs, raceway resurfacing, raceway predator netting, water pump turbine replacement,
Colville Hatchery	CCT	CCT	Bridgeport, WA	Flow meter replacement, asphalt repair, electrical system replacement, concrete raceway repair
Eagle Hatchery	IDFG	IDFG	Eagle, ID	Chiller system replacement, asphalt repair, roof replacement, pump motor repair/replacement
Kalispel Tribal Hatchery	Kalispel Tribe of Indians	Kalispel Tribe of Indians	Kalispell, MT	Roof replacement
Kootenai Tribal Sturgeon Hatchery	Kootenai Tribe of Idaho	Kootenai Tribe of Idaho	Bonnars Ferry, ID	Filter system upgrades, generator replacement
Lostine Weir and Acclimation	Nez Perce Tribe	Private	Lostine, OR	Roof and siding repair, raceway liner replacement, camp trailer replacement
Nez Perce Tribal Hatchery (NPTH)	Nez Perce Tribe	Nez Perce Tribe	Juliaetta, ID	Raceway liner replacement, water supply pump motor repair/replacement
NPTH Sweetwater Springs Hatchery	Nez Perce Tribe	Nez Perce Tribe	Wallowa County, OR	Replace shade cloth over tanks
NPTH Cedar Flats Acclimation	Nez Perce Tribe	Nez Perce Tribe	Idaho County, ID	Alarm system
NPTH Lukes Gulch Acclimation	Nez Perce Tribe	Nez Perce Tribe	Idaho County, ID	Alarm system
NPTH Newsome Creek Acclimation	Nez Perce Tribe	Nez Perce Tribe	Idaho County, ID	Alarm system

NPTH North Lapwai Acclimation	Nez Perce Tribe	Nez Perce Tribe	Nez Perce County, ID	Alarm system, roof repair, trailer replacement
NPTH Yoosa/Camp Creek Acclimation	Nez Perce Tribe	Nez Perce Tribe	Idaho County, ID	Pond liner replacement, alarm system, gate repair
Parkdale Hatchery	Confederated Tribes of the Warm Springs Reservation (CTWSR)	CTWSR	Parkdale, OR	Residence interior repairs, walk-in freezer, electrical repairs, roof replacement
Sekokini Springs Hatchery	Montana Department of Fish, Wildlife, and Parks	US Forest Service	West Glacier, MT	Propane tank replacement
Sherman Creek Hatchery	Washington Department of Fish and Wildlife (WDFW)	WDFW	Kettle Falls, WA	Wooden dock replacement and siding repair
Spokane Tribal Hatchery	Spokane Tribe of Indians	Spokane Tribe of Indians	Ford, WA	Pond liner replacement, road asphalt, raceway piping and valve repair, raceway resurfacing, well pump motor, fish screen replacement
Springfield Hatchery	Idaho Department of Fish and Game (IDFG)	IDFG	Springfield, ID	Residence repainting, roof repair, siding replacement, well house control components
Twin Rivers Hatchery	Kootenai Tribe of Idaho		Bonnars Ferry, ID	HVAC upgrades, filter system repairs, upgraded pipe insulation
Umatilla Hatchery	Oregon Department of Fish and Wildlife	USACE	Irrigon, OR	Residence building repairs, roof repair, electrical repair, generator replacement
Walla Walla Hatchery	Confederated Tribes of the Umatilla Indian Reservation (CTUIR)	CTUIR	Milton-Freewater, OR	Concrete raceway repair, fuel tank replacement, replace valves

Findings: In accordance with Section 1021.410(b) of the Department of Energy's (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, Apr. 24, 1992, as amended at 61 FR 36221-36243, Jul. 9, 1996; 61 FR 64608, Dec. 6, 1996, 76 FR 63764, Nov. 14, 2011), BPA has determined that the proposed action:

- 1) fits within a class of actions listed in Appendix B of 10 CFR 1021, Subpart D (see attached Environmental Checklist);
- 2) does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal; and
- 3) has not been segmented to meet the definition of a categorical exclusion.

Based on these determinations, BPA finds that the proposed action is categorically excluded from further NEPA review.

/s/ Carolyn Sharp

Carolyn Sharp
Environmental Protection Specialist

Concur:

Katey C. Grange
NEPA Compliance Officer

Attachment(s): Environmental Checklist

Categorical Exclusion Environmental Checklist

This checklist documents environmental considerations for the proposed project and explains why the project would not have the potential to cause significant impacts on environmentally sensitive resources and would meet other integral elements of the applied categorical exclusion.

Proposed Action: Deferred Hatchery Maintenance at Multiple Locations

Project Site Description

Existing developed hatchery facilities, including pump houses, rearing tanks or raceways, residences, office buildings and acclimation sites. These facilities are located throughout the Columbia River Basin in Oregon, Washington, Idaho and western Montana.

Evaluation of Potential Impacts to Environmental Resources

1. Historic and Cultural Resources

Potential for Significance: No

Explanation: As no ground disturbance would occur as a result of this undertaking and facilities are not old enough to be historically-eligible (less than 50 years old), BPA has determined that this undertaking has No Potential to Effect historic properties.

2. Geology and Soils

Potential for Significance: No

Explanation: No ground disturbance would occur; there would be no impacts to soils and geology.

3. Plants (including Federal/state special-status species and habitats)

Potential for Significance: No

Explanation: No ground disturbance would occur and no plants would be disturbed. Activities would occur within existing developed areas that are not vegetated. No ESA-listed or state-sensitive plant species would be present within the project sites.

4. Wildlife (including Federal/state special-status species and habitats)

Potential for Significance: No

Explanation: Work would occur in existing, developed facilities. There would be no effect to wildlife as the proposed activity would not introduce noticeable human activity and noise compared to existing human activity and noise associated with existing facility operations.

5. Water Bodies, Floodplains, and Fish (including Federal/state special-status species, ESUs, and habitats)

Potential for Significance: No

Explanation: No in-river/channel work would occur associated with these maintenance actions. Repairs to raceways or holding ponds would occur when hatchery fish are not on station. There would be no impact on water bodies, floodplains and fish.

6. Wetlands

Potential for Significance: No

Explanation: Work would occur within existing developed facilities. There would be no impact to wetlands.

7. Groundwater and Aquifers

Potential for Significance: No

Explanation: No new wells or groundwater use are proposed by these actions. As a result, there would be no impacts to groundwater and aquifers.

8. Land Use and Specially-Designated Areas

Potential for Significance: No

Explanation: Existing land uses (aquaculture) would remain the same. There would be no impact to specially-designated areas.

9. Visual Quality

Potential for Significance: No

Explanation: No change in the visual character of the facilities would occur and the work would involve predominately replacement of parts or equipment in-kind, or addition of a single component to existing infrastructure.

10. Air Quality

Potential for Significance: No

Explanation: There may be minor and temporary amounts of exhaust produced by construction equipment. The emissions would be of short duration and consistent in amount and duration with routine vehicle use currently at the facility. There would be no long-term effects to air quality.

11. Noise

Potential for Significance: No

Explanation: Noise is anticipated during construction activities. The noise would be of short duration and consistent in volume or duration with operational activities at the facility. This noise would be temporary and cause no long-term impacts.

12. Human Health and Safety

Potential for Significance: No

Explanation: All personnel would use best management practices to protect worker health and safety. Equipment may be removed or replaced that contains hazardous materials; these materials would be disposed of off-site according to all local, state, and federal regulations. No impacts to human health and safety are expected as a result of project activities.

Evaluation of Other Integral Elements

The proposed project would also meet conditions that are integral elements of the categorical exclusion. The project would not:

Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders.

Explanation: N/A

Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators) that are not otherwise categorically excluded.

Explanation: N/A

Disturb hazardous substances, pollutants, contaminants, or CERCLA excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases.

Explanation: N/A

Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.

Explanation: N/A

Landowner Notification, Involvement, or Coordination

Description: Project activities would be implemented by the hatchery operator. At facilities where the land is owned by a different entity than the operator, land use or other special use agreements exist that define how the work would be coordinated with the landowner and the manner in which the work would be completed.

Based on the foregoing, this proposed project does not have the potential to cause significant impacts to any environmentally sensitive resource.

Signed: /s/ Carolyn Sharp
Carolyn Sharp
Environmental Protection Specialist

September 28, 2023
Date